

WORK ORDER 2010-06

Date opened: 17 February 2010

Project: Beams
Type: Eurocopter AS350/355 SeriesBatch Quantity: 1 Pair Low Beams, light wall (78630-01-10)
3 Pair High Beams, light wall (78631-01-10)Approval: SH08-16
Drawing List: DCL786-3*None sold,
new parts avail.*

Fabrication and Assembly Drawing(s)	Description
78630, Rev. 2	Low Beam
78631, Rev. 3	High Beam

Complete material tracking information on attached pages.

Work Order pre-completion Inspection:

Project is on Approval Limitation Record:	<u>Y</u> ✓
Document Control List revision level matches (or exceeds) STC:	<u>Y</u> ✓
Drawings revision levels match Document Control List:	<u>Y</u> ✓
Purchase order or Work order source is recorded for each part/ass'y:	<u>Y</u> ✓
Tests and inspections specifically called out on drawings are complete:	<u>Y</u> ✓
Release tags associated with all fabricated parts are attached:	<u>Y</u> ✓
All mounting hardware and supplies are included:	<u>Y</u> ✓

List all non-conformities raised: _____

Welder Signature: _____ Date: _____

Inspector Signature: *Jeff Clark* Date: *18 Nov 2010*

Drawing: 78630 Revision 2
 Assembly: 78630-01-10 Low Beam Assembly, light wall

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
1 Pair	78630-01-10	Low Beam Assembly			
1	78630-12	Tube	304 Stainless Steel, 1x2x0.065 tube	9087	
1	78630-03	Cap	321 Stainless Steel, 0.025 Sheet	3021	
2	78630-04	Bushing	304 Stainless Steel, 0.375 x 0.058 Tube	9086	
2	78630-13	Shim	321 Stainless Steel, 0.050 Sheet	10037	
1	69830-07	Block	304 Stainless Steel, 0.25 Sqr. Rod	9011	
2	69830-11	Guide	304 Stainless Steel, 0.75 x 0.065 Tube	10008	
2	69830-21	Stop	6061-T6 Aluminum, 0.625 Rod	16086	
2	69830-22	Knob	6061-T6 Aluminum, 0.75 Rod	10086	
2	69830-23	Spring		9091	
2	#10-32	C'Sunk Screw	Stainless	9053	
2	MS21044C3	Nut		9056	

Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER70S-2		
Powder Coat	Drawing 78630			
Final Inspection	Drawing 78630			gc. gc.

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.


Drawing: 78631 Revision 3
 Assembly: 78631-01-10 High Beam Assembly, light wall


Qty Per	Part #	Description	Material	P.O./W.O.	Checked
3 Pairs	78631-01	Low Beam Assembly			
1	78631-12	Tube	304 Stainless Steel, 1x2x0.125 tube	9087	
2	78631-13	Shim	321 Stainless Steel, 0.050 Sheet	10037	
1	78630-03	Cap	321 Stainless Steel, 0.025 Sheet	3021	
2	78630-04	Bushing	304 Stainless Steel, 0.375 x 0.058 Tube	9086	
1	69830-07	Block	304 Stainless Steel, 0.25 Sqr. Rod	9011	
2	69830-11	Guide	304 Stainless Steel, 0.75 x 0.065 Tube	9011	
2	69830-21	Stop	6061-T6 Aluminum, 0.625 Rod	10086	
2	69830-22	Knob	6061-T6 Aluminum, 0.75 Rod	10086	
2	69830-23	Spring		9091	
2	#10-32	C'Sunk Screw	Stainless	9053	
2	MS21044C3	Nut		9056	

Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER70S-2		
Powder Coat	Drawing 78631			
Final Inspection	Drawing 78631			

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1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No.
4. Organization Name and Address AERO Design Ltd. – 2013 39th Avenue NE, Calgary, Alberta, T2E 6R7					5. Work Order/Contract/Invoice WO2010-06
6. Item	7. Description Low Beam	8. Part Number 78630-01-10	9. Qty. 2	10. Serial/Batch No. N/A	11. Status/Work New
12. Remarks New light wall prototype					
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature 		13c. Approved Organization Number AMF 73-04		14b. Signature	
13d. Name Jeff Clarke		13e. Date (dd/mmm/yyyy) 26 Feb 2010		14c. Approved Organization Number	
				14d. Name	
				14e. Date (dd/mmm/yyyy)	
Installer Responsibilities This certificate does not constitute authority to install. Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified. Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.					

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4. Organization Name and Address AERO Design Ltd. – 2013 39th Avenue NE, Calgary, Alberta, T2E 6R7					5. Work Order/Contract/Invoice WO2010-06
6. Item	7. Description High Beam	8. Part Number 78631-01-10	9. Qty. 6	10. Serial/Batch No. N/A	11. Status/Work New
12. Remarks					
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
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1 set each

Low Beams / High beams

given to Airspan or
Blackcoms for
trial before new beams
came out

4x long on shelf

↓
current
78633
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